

Laurel Smith-Doerr

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POSITIONS

Professor of Sociology; University of Massachusetts Amherst, 2013-present.

Editor, with David Cort and Donald Tomaskovic-Devey; *American Sociological Review*, 2023-

PI and Director of UMass ADVANCE Program, 2019-

Director (Inaugural) of the Institute for Social Science Research; University of Massachusetts, 2013-2019.

Associate Professor of Sociology (with tenure); Boston University, 2007-2013.
Associate Department Chair 2011-12.

Visiting Scientist; US National Science Foundation (NSF), 2007-2009.
NSF Program Director in:
Science, Technology & Society Program (Directorate of Social, Behavioral and
Economic Sciences; Division of Social and Economic Sciences)
Ethics Education in Science and Engineering (Chair, Cross-NSF Program)

Assistant Professor of Sociology; Boston University, 1999-2007.

EDUCATION

University of Arizona (Tucson, AZ)
Doctor of Philosophy, Sociology, May 1999. Dissertation: "Career Paths in the Life Sciences: Processes and Outcomes of Organizational Change."

University of Arizona
Master of Arts, Sociology, December 1993.

Pomona College (Claremont, CA)
Study abroad, University College, Oxford, UK, 1989.
Bachelor of Arts, Sociology, Cum Laude, Phi Beta Kappa, May 1991.

BOOKS

Smith-Doerr, Laurel. *Women's Work: Gender Equality vs. Hierarchy in the Life Sciences*. 2004. Boulder, CO: Lynne Rienner Publishers.

Felt, Ulrike, Rayvon Fouché, Clark A. Miller, and Laurel Smith-Doerr, Editors. *Handbook of Science and Technology Studies*, 4th edition. 2017. Cambridge, MA: MIT Press.

Awarded the STS Infrastructure Prize from the Society for Social Studies of Science, 2017.

Translated into Chinese by Zhejiang University Press, 2020.

JOURNAL ARTICLES

Smith-Doerr, Laurel, Mickey, Ethel L. and Kane-Lee, Ember Skye W. "Deciding Together as Faculty: Narratives of Unanticipated Consequences in Gendered and Racialized Departmental Service, Promotion, and Voting." 2023. *Journal of Organizational Sociology* (online first). <https://doi.org/10.1515/joso-2023-0004>

Hoffman, Steve G., Kelly Joyce, Sharla Alegria, Susan E. Bell, Taylor M. Cruz, Safiya Umoja Noble, Benjamin Shestakovsky, and Laurel Smith-Doerr. 2022. "Five Big Ideas about AI." *Contexts* 21 (3): 8-15.
<https://journals.sagepub.com/doi/pdf/10.1177/15365042221114975>

Smith-Doerr, Laurel, Alexis Knaub and Aaron Yates. 2022. "Social Capital, Structuralism, and Organizational Form: Three Social Network Theory Perspectives for Research in Higher Education." *Equity in Education and Society* 1 (2).
<https://journals.sagepub.com/doi/full/10.1177/27526461221092427>

Misra, Joya, Ethel L. Mickey, Ember Kanelee, Laurel Smith-Doerr. 2022. "Creating Inclusive Department Climates in STEM Fields: A Study of Multiple Faculty Perspectives on the Same Departments." *Journal of Diversity in Higher Education*. Online First. doi: [10.1037/dhe0000402](https://doi.org/10.1037/dhe0000402)

Mickey, Ethel L. and Laurel Smith-Doerr. 2022. "Gender and Innovation through an Intersectional Lens: Re-imagining Academic Entrepreneurship in the United States." *Sociology Compass*. 16(3), e12964. <https://doi.org/10.1111/soc4.12964>

Joyce, Kelly, Laurel Smith-Doerr, Sharla Alegria, Susan Bell, Taylor Cruz, Steve Hoffman, Safiya Umoja Noble, and Benjamin Shestakovsky. 2021. "Toward a Sociology of Artificial Intelligence: A Call for Research on Inequalities and Structural Change." *Socius: Sociological Research for a Dynamic World*. 7: 1–11.
<https://journals.sagepub.com/doi/10.1177/2378023121999581>

Martínez, Elisa, Laurel Smith-Doerr, and Timothy Sacco. 2020. "Measured Success: Knowledge, Power, and Inequality in the Professional Work of Evaluation." *Research in the Sociology of Work*, 34: 169-192. Chapter 7 in special issue on Professional Work edited by S. Vallas and E. Gorman.

Smith-Doerr, Laurel. 2020. "Hidden Injustice and Anti-Science." *Engaging Science Technology and Society* 6: 94-101. Essay in special issue on STS in the Trump Era edited by D.L. Kleinman. <https://estsjournal.org/index.php/ests/article/view/381>

Renski, Henry, Laurel Smith-Doerr, Tiamba Wilkerson, Shlomo Zilberstein, Shannon Roberts, and Enobong H. Branch. 2020. "Racial Equity and the Future of Work." *Technology | Architecture + Design* 4(1): 17-22.

Smith-Doerr, Laurel, Sharla Alegria, Kaye Husbands Fealing, Debra Fitzpatrick, and Donald Tomaskovic-Devey. 2019. "Gender Pay Gaps in US Federal Science Agencies: An Organizational Approach." *American Journal of Sociology* 125 (2): 1-43.

Awarded the Devah Pager Prize for best article from the Inequality, Poverty, and Mobility section of the American Sociological Association, 2020.

Villegas, Rodrigo Dominguez, Laurel Smith-Doerr, Henry Renski, and Laras Sekarasih. 2019. "Labor Unions and Equal Pay for Faculty: A Longitudinal Study of Gender Pay Gaps in a Unionized Institutional Context." *Journal of Collective Bargaining in the Academy* Vol. 11, Article 2. <https://thekeep.eiu.edu/jcba/vol11/iss1/2>

Smith-Doerr, Laurel, Sharla Alegria, and Timothy Sacco. 2017. "How Diversity Matters in the U.S. Science and Engineering Workforce: A Critical Review Considering Integration in Teams, Fields, and Organizational Contexts." *Engaging Science, Technology and Society* 3: 139-153. <https://estsjournal.org/index.php/ests/article/view/142>

Misra, Joya, Laurel Smith-Doerr, Nilanjana Dasgupta, Gabriela Weaver, and Jennifer Normanly. 2017. "Collaboration and Gender Equity among Academic Scientists." *Social Sciences* 6, 25. Special issue on Gender and STEM, edited by M. Charles and S. Thebaud.

Republished in *Gender and STEM: Understanding Segregation in Science, Technology, Engineering and Mathematics*, Maria Charles and Sarah Thébaud (Eds.). MDPI Books. Published: October 2018

Nielsen, M. W., S. Alegria, L. Börjeson, H. Etzkowitz, H. J. Falk-Krzesinski, A. Joshi, E. Leahey, L. Smith-Doerr, A. W. Woolley and L. Schiebinger. 2017. "Gender diversity leads to better science." *Proceedings of the National Academy of Sciences* 114 (8): 1740-1742.

Smith-Doerr, Laurel, Itai Vardi, and Jennifer Croissant. 2016. "Doing Gender and Responsibility: Scientists and Engineers Talk about their Work." *Journal of Women and Minorities in Science and Engineering* 22(1): 49-68.

Smith-Doerr, Laurel and Itai Vardi. 2015. "Mind the Gap: Formal Ethics Policies and Chemical Scientists' Everyday Practices in Academia and Industry." *Science, Technology & Human Values* 40(2): 176-198.

Noyes, Erik, Candida Brush, Kenneth Hatten, and Laurel Smith-Doerr. 2014. "Firm Network Position and Corporate Venture Capital Investment." *Journal of Small Business Management* 52 (4): 713-731.

Smith-Doerr, Laurel, Gintare Kemekliene, Rita Teutonico, Lene Lange, Lydia Villa-Komaroff, Line Matthiessen-Guyader and Fiona Murray. 2011. "A Global Need for Women's Biotech Leadership." *Nature Biotechnology* 29 (10): 948-949.

Smith-Doerr, Laurel and Jennifer L. Croissant. 2011. "A Feminist Approach to University-Industry Relationships: Integrating Theories of Gender, Politics and Capital." *Journal of Women and Minorities in Science and Engineering* 17(3): 261-269.

Smith-Doerr, Laurel. 2010. "Flexible Organizations, Innovation, and Gender Equality: Writing for the US Film Industry, 1907-1927." *Industry and Innovation* 17(1): 5-22.

McQuaid, James, Laurel Smith-Doerr, and Daniel J. Monti. "Expanding Entrepreneurship: Female and Foreign-born Founders of New England Biotechnology Firms." 2010. *American Behavioral Scientist* 53(7): 1045-1063.

Smith-Doerr, Laurel. "Discourses of Dislike: Responses to Ethics Education Policies by Life Scientists in the UK, Italy and the US." 2009. *Journal of Empirical Research in Human Research Ethics* 4: 49-57.

Smith-Doerr, Laurel. "Decoupling Policy and Practice: How Life Scientists in Three Nations Respond to Policies Requiring Ethics Education." 2008. *Minerva* 46:1-16.

Whittington, Kjersten and Laurel Smith-Doerr. "Women Inventors in Context: Effects of Organizational Context on Disparities in Patenting." 2008. *Gender & Society* 22:194-218.

Smith-Doerr, Laurel. "Stuck in the Middle: Doctoral Education Ranking and Career Outcomes for Life Scientists." 2006. *Bulletin of Science, Technology and Society* 26 (3): 243-255.

Smith-Doerr, Laurel. "Institutionalizing the Network Form: How Life Scientists Legitimate Work in the Biotechnology Industry." 2005. *Sociological Forum* 20(2): 271-299.

Whittington, Kjersten and Laurel Smith-Doerr. "Gender and Commercial Science: Women's Patenting in the Life Sciences." 2005. *Journal of Technology Transfer* 30:355-70.

Smith-Doerr, Laurel. "Flexibility and Fairness: Effects of the Network Form of Organization on Gender Equity in Life Science Careers." 2004. *Sociological Perspectives* 47 (1): 25-54.

Smith-Doerr, Laurel, Ivan Manev and Polly Rizova. "The Meaning of Success: Network Position and the Social Construction of Project Success in an R&D Lab." 2004. *Journal of Engineering and Technology Management* 21(1-2): 51-81.

Powell, Walter W., Kenneth W. Koput, James I. Bowie, and Laurel Smith-Doerr. "The Spatial Clustering of Science and Capital: Accounting for Biotech Firm-Venture Capital Relationships." 2002. *Regional Studies* 36 (3): 291-305.

Powell, Walter W., Kenneth W. Koput, and Laurel Smith-Doerr. "Interorganizational Collaboration and the Locus of Innovation: Networks of Learning in Biotechnology." 1996. *Administrative Science Quarterly* 41: 116-45.

Republished in 2005 in *Markets*, Chapter 7, edited by M.Y. Abolafia. Cheltenham, UK: Edward Elgar.

Republished in 2005 in *Networks*, Vol. II, Chapter 5, edited by G. Grabher and W. Powell. Cheltenham, UK: Edward Elgar.

Republished in 2005, Pp. 247-290 in *Collection of the Administrative Science Quarterly Award-Winning Papers*, edited and translated into Chinese by A.S. Tsui and W. Zhang. China: Peking University Press.

Republished in 2006 in *The Economics of Biotechnology*, Vol. II, Chapter 3, edited by M. Mc Kelvey and L. Orsenigo. Cheltenham, UK: Edward Elgar.

BOOK CHAPTERS (peer reviewed)

Roberts, Shannon C., Laurel Smith-Doerr, Shlomo Zilberstein, Henry Renski, Enobong H. Branch, and Tiamba Wilkerson. 2019. "Automation, work, and racial equity: How human systems engineering can shape the future of work." Pp. 191-213 in R. D. Roscoe, E. K. Chiou, & A. R. Wooldridge (Eds.), *Advancing Diversity, Inclusion, and Social Justice through Human Systems Engineering*. Boca Raton, FL: CRC Press.

Awarded 2020 Winner of the "Outstanding Academic Title" recognition by Choice (represents the highest caliber of scholarly titles that have been reviewed by Choice and conveys the extraordinary recognition of the academic community).

Felt, Ulrike, Rayvon Fouché, Clark M. Miller, and Laurel Smith-Doerr. 2017. "Introduction to the Fourth Edition of the Handbook of Science and Technology Studies." Pp. 1-26 in U. Felt, R. Fouché, C. A. Miller, and L. Smith-Doerr, Editors. *Handbook of Science and Technology Studies, 4th edition*. Cambridge, MA: MIT Press.

Smith-Doerr, Laurel, Jennifer Croissant, Itai Vardi and Timothy Sacco. 2016. "Epistemic Cultures of Collaboration: Coherence and Ambiguity in Interdisciplinarity." Pp. 65-83 in *Investigating Interdisciplinary Collaboration: Theory and Practice Across Disciplines*, edited by S. Frickel, M. Albert and B. Prainsack. New Brunswick, NJ: Rutgers University Press.

Smith-Doerr, Laurel, Timothy Sacco, and Angela Stoutenburgh. 2016. "Crisis of Confidence: Young Women Doing Gender and Science." Pp. 95-111 in *Pathways, Potholes, and the Persistence of Women in Science: Reconsidering the Pipeline*, edited by E. H. Branch. Lanham, MD: Lexington Books.

Belle, Deborah, Laurel Smith-Doerr, Lauren M. O'Brien. 2014. "Gendered Networks: Professional Connections of Science and Engineering Faculty." Pp. 153-175 in *Gender Transformation in the Academy (Advances in Gender Research, Volume 19)*, edited by V. Demos, C. W. Berheide, M. T. Segal. Emerald Group Publishing Limited.

Vardi, Itai and Laurel Smith-Doerr. 2014. "Women in the Knowledge Economy." Pp. 388-405 in *Routledge Handbook of Science, Technology and Society*, edited by D.L. Kleinman and K. Moore. New York: Routledge.

Powell, Walter W., Jason Owen-Smith and Laurel Smith-Doerr. 2011. "Sociology and Science of Science Policy." Pp. 56-84 in *Handbook of the Science of Science Policy*, edited by K.H. Fealing, J. Lane, J.H. Marburger, S. Shipp, and B. Valdez. Stanford, CA: Stanford University Press.

Smith-Doerr, Laurel. 2011. "Contexts of Equity: Thinking about Organizational and Technoscience Contexts for Gender Equity in Biotechnology and Nanotechnology." Pp. 3-22 in *Nanotechnology and the Challenges of Equity, Equality and Development: The Yearbook of Nanotechnology in Society 2*, edited by S.E. Cozzens and J.M. Wetmore. Springer.

Chapter republished in 2015 in *Childbirth, Childrearing, and Career Development of Women*, pp. 380-402, edited and translated into Chinese by Guoying Wei and Yun Zhou. Beijing: Peking University Press.

Croissant, Jennifer and Laurel Smith-Doerr. "Organizational Contexts of Science: Boundaries and Relationships between University and Industry." 2007. Pp. 691-718 in *The Handbook of Science and Technology Studies, Third Edition*, edited by E. Hackett, O. Amsterdamska, M. Lynch and J. Wajcman. Cambridge, MA: MIT Press.

Smith-Doerr, Laurel. "Learning to Reflect or Deflect? U.S. Policies and Graduate Programs' Ethics Training for Life Scientists." 2006. Pp. 405-431 in *The New Political Sociology of Science: Institutions, Networks, and Power*, edited by S. Frickel and K. Moore. Madison, WI: University of Wisconsin Press.

Korean language edition of volume published in 2013. Seoul: Galmuri Press.

Smith-Doerr, Laurel and Walter W. Powell. "Networks and Economic Life." 2005. Pp. 379-402 in *Handbook of Economic Sociology, Second Edition*, edited by N.J. Smelser and R. Swedberg. Princeton, NJ: Russell Sage Foundation/Princeton University Press. (All new chapter for second edition).

Powell, Walter W., Kenneth W. Koput, Jason Owen-Smith, and Laurel Smith-Doerr. "Network Position and Firm Performance: Organizational Returns to Collaboration in the Biotechnology Industry." 1999. Pp. 129-59 in *Networks in and Around Organizations*, Volume 16 of *Research in the Sociology of Organizations*, edited by S.B. Andrews and D. Knoke. Greenwich, CT: JAI Press.

Smith-Doerr, Laurel, Jason Owen-Smith, Kenneth W. Koput and Walter W. Powell. "Networks and Knowledge Production: Collaboration and Patenting in Biotechnology." 1999. Pp. 390-408 in *Corporate Social Capital and Liability*, edited by R.T.A.J. Leenders and S. Gabbay. Norwell, MA: Kluwer Academic Publishers.

Koput, Kenneth W., Laurel Smith-Doerr and Walter W. Powell. "Strategies of Learning and Industry Structure: The Evolution of Networks in Biotechnology." 1997. Pp. 229-54 in *Organizational Learning and Strategic Management*, Vol. 14 of *Advances in Strategic Management Research*, J.P. Walsh and A.S. Huff (Eds). Greenwich, CT: JAI.

Powell, Walter W. and Laurel Smith-Doerr. "Networks and Economic Life." 1994. Pp. 368-402 in *The Handbook of Economic Sociology*, edited by N.J. Smelser and R. Swedberg. Princeton, NJ: Princeton University Press/Russell Sage Foundation.

OTHER SCHOLARLY PUBLICATIONS

Joya Misra, Ethel Mickey, Jennifer Normanly, Laurel Smith-Doerr. 2023. "Creating Equitable Research Collaborations." University of Massachusetts Amherst ADVANCE Program. <https://doi.org/10.7275/f11y-e131>

Ethel Mickey, Joya Misra, Jennifer Normanly, Laurel Smith-Doerr. 2023. "Continuing Equitable Research Collaboration Relationships." University of Massachusetts Amherst ADVANCE Program. DOI: <https://doi.org/10.7275/x4wc-6f20>

Smith-Doerr, L., E. Mickey, J. Misra, and J. Normanly. 2023. "Crediting Collaboration Equitably." University of Massachusetts Amherst ADVANCE. DOI: <https://doi.org/10.7275/vecq-r446>

Smith-Doerr, Laurel. 2021. "Universities need to Look in the Mirror: R&D for DEI." Inside Higher Education op-ed. Link: <https://www.insidehighered.com/views/2021/09/15/colleges-should-research-dei-their-own-campuses-opinion> . Posted September 15, 2021.

Vasquez, Emily, Kevin Moseby, Santiago Molina, Diana Graizbord, Cal Garrett, and Laurel Smith-Doerr. 2021. *Report of the Ad-hoc Committee on Anti-Racist Action in SKAT*. Science, Knowledge and Technology Section of the American Sociological Association. June 2021.

Smith-Doerr, Laurel. 2020. Book review of *Surrogate Humanity: Race, Robots, and the Politics of Technological Futures*, by Neda Atanasoski and Kalindi Vora, 2019. *Contemporary Sociology* 49(3): 240-242.

Smith-Doerr, Laurel, Sharla Alegria, Kaye Husbands Fealing, Debra Fitzpatrick, and Donald Tomaskovic-Devey. 2020. "For Gender Pay Gaps, Organizations Matter." Invited post for *Work in Progress*, edited official blog of the Organizations, Occupations, and Work section of the American Sociological Association, <http://www.wipsociology.org/2020/02/25/for-gender-pay-gaps-organizations-matter/#more-1967> . Posted February 25, 2020.

Smith-Doerr, Laurel, Shlomo Zilberstein, Tiamba Wilkerson, Shannon C. Roberts, Henry Renski, Venus Green, and Enobong H. Branch. 2019. *NSF Workshop Report—HTF (Future of Work at the Human-Technology Frontier): Understanding Emerging Technologies, Racial Equity, and the Future of Work*. <http://rbr.cs.umass.edu/htf/NSF-Workshop-Report.pdf>

Smith-Doerr, Laurel and Jennifer Croissant. 2017. "Gender Equity and Interdisciplinary Collaboration." *SSRC Items* <https://items.ssrc.org/interdisciplinarity/gender-equity-and-interdisciplinary-collaboration/>

Smith-Doerr, Laurel. 2017. "Introduction to Section I: Doing, Exploring, and Reflecting on Methods." Pp. 27-30 in U. Felt, R. Fouché, C. A. Miller, and L. Smith-Doerr, Editors. *Handbook of Science and Technology Studies*, 4th edition. Cambridge, MA: MIT Press.

Smith-Doerr, Laurel. 2017. "Introduction to Section IV: Organizing and Governing Science." Pp. 695-700 in U. Felt, R. Fouché, C. A. Miller, and L. Smith-Doerr, Editors. *Handbook of Science and Technology Studies*, 4th edition. Cambridge, MA: MIT Press.

Smith-Doerr, Laurel and Timothy Sacco. 2016. Book review of *Trouble in the University: How the Education of Health Care Professionals Became Corrupted*, by Mildred A. Schwartz, 2014. *Contemporary Sociology* 45(4): 500-501.

Smith-Doerr, Laurel. "Networked Organizations." 2013. Pp. 621-623 in *Sociology of Work: An Encyclopedia*, edited by V. Smith. Thousand Oaks, CA: Sage.

Smith-Doerr, Laurel, Lydia Villa-Komaroff, and Susan Windham-Bannister. 2012. "Panel I: From Bench to Business: Career Paths for Ph.D.s." Pp. 5-12 in *From Science to Business: Preparing Female Scientists and Engineers for Successful Transition into Entrepreneurship, Summary of a Workshop*. Washington, DC: National Academies Press.

Smith-Doerr, Laurel. Book review of *The Mathematics of Sex: How Biology and Society Conspire to Limit Talented Women and Girls*, by Stephen J. Ceci and Wendy M. Williams. 2012. *Gender & Society* 26: 530.

Paletz, Susannah, Laurel Smith-Doerr and Itai Vardi. 2011. *National Science Foundation Workshop Report: Interdisciplinary Collaboration in Innovative Science and Engineering Fields*. <https://sites.google.com/site/interdisciplinary2010/>

Smith-Doerr, Laurel and Andrea Stith. "Questions and Methods for Investigating Barriers in Educational Systems." 2009. Concept paper published in workshop report *Intergenerational Voices: Advancing Research and Policy for Women in Science, Technology, Engineering and Math*, edited by P. Rayman et al. Center for Women and Work, University of Massachusetts, Lowell, MA.

Smith-Doerr, Laurel. Book review of *The Politics of Working Life*, by Paul Edwards and Judy Wajcman. 2008. *American Journal of Sociology* 113:1443-5.

Walske, Jennifer, Laurel Smith-Doerr and Andrew Zacharachis. "Effects of Venture Capital Syndication Networks on Entrepreneurial Success." *Frontiers for Entrepreneurship Research 2007: Proceedings of the 27th Annual Entrepreneurship Research Conference*. Babson Park, MA: Arthur M. Blank Center for Entrepreneurship at Babson College.

Smith-Doerr, Laurel and Courtney Feldscher. Book review of *Women, Gender and Technology*, edited by M.F. Fox, S. Rosser, and D. Johnson. 2007. *Contemporary Sociology* 36 (5): 439.

Monti, Daniel J., Laurel Smith-Doerr and James McQuaid. 2007. *Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry*. Report prepared for and published by the Immigrant Learning Center, Inc. Malden, MA.

Smith-Doerr, Laurel. "Network Analysis." 2005. Entry in *International Encyclopedia of Economic Sociology*, edited by J. Beckert and M. Zafirovski, p. 469-475. London: Routledge.

Smith-Doerr, Laurel. Book review of *Everyday Bioethics: Reflections on Bioethical Choices in Daily Life*, by Giovanni Berlinguer. 2004. *Contemporary Sociology* 33 (1): 106-107.

Smith-Doerr, Laurel. Book review of *Social Structure and Organizations Revisited, Vol. 19, Research in the Sociology of Organizations*, edited by Michael Lounsbury and Marc J. Ventresca. 2003. *Contemporary Sociology* 32 (6): 710-11.

Smith-Doerr, Laurel and Morton S. Isaacson. Syllabus for "Technology and Society." 2003. Pp. 145-149 in *Science, Knowledge, & Technology: Syllabi and Instructional Materials, Fourth Edition*, edited by J. L. Croissant. Washington, DC: American Sociological Association.

Smith-Doerr, Laurel. Book review *Beyond the Bottom Line: The Search for Dignity at Work*, by Paula Rayman. *Journal of Comparative Family Studies* 33(2): 313-15.

WORK IN PROGRESS

"'I don't believe that I have been wanted': Processes of Overinclusion and Exclusion in Racialized and Gendered Organizations." Joya Misra, Ember S. Kane-Lee, Ethel Mickey, and Laurel Smith-Doerr. Manuscript under revision for resubmission to *Social Problems*.

COURSES TAUGHT

Undergraduate:

- Introduction to Sociology*
- Sociological Research Methods*
- Business and Society*
- Technology, Society and Policy*
- Social Networks*
- Sociology of Religion*
- Complex Organizations*
- Gender Stratification*

Graduate seminars:

- Science and Technology Studies*
- Gender Stratification*
- Graduate Writing seminar*
- Research Methods Proseminar*
- Organizational Theory*
- Social Network Theory*

GRANTS

“FW-HTF-RL: Reimagining trucking: Forging an equitable and driver-centered system in a highly automated world.” National Science Foundation grant (\$1,999,971). Co-PI with PI Shannon Roberts, Co-PIs Zilberstein, Renski. 2023-

“Collaboration and Equity: The Resources, Recognition, and Relationships (R3) Model for Advancing Women and Underrepresented Faculty in Science and Engineering.” National Science Foundation ADVANCE-Institutional Transformation grant (\$3,000,000; supplement \$119,268; total award: \$3,119,268). PI with Co-PIs Misra, Allan, Breña, Normanly, and Dasgupta. 2018-

“Future of Work at Human-Technology Frontiers Workshop: Understanding Emerging Technologies, Racial Equity, and the Future of Work.” National Science Foundation grant (\$99,970). PI with Co-PIs Anna Branch, Shlomo Zilberstein, Henry Renski, and Shannon Roberts. 2017-20.

Selected by NSF Program Officers as a 2017 “NSF Showcase Award.”

“Sociology of AI.” National Science Foundation supplemental award (\$19,422) from the Sociology program. 2020.

“Shaping future scientists: Student labor and training in the knowledge economy” National Science Foundation Doctoral Dissertation Research Improvement Grant (Laurel Smith-Doerr, PI, Timothy Sacco Co-PI). \$17,875. 2018-2020.

“Women in Science and Technology Policy (WiSP).” National Science Foundation grant total to Smith-Doerr as PI: \$160,312. PI on collaborative grant with Kaye Husbands Fealing, University of Minnesota and Susan Cozzens, Georgia Institute of Technology (total collaborative grant: \$512,351). 2012-16.

“The Social Organization of Collaboration in the Chemical Sciences.” National Science Foundation grant (\$421,272), Supplement (\$82,688), total to Smith-Doerr as PI: \$503,960. Lead PI on collaborative grant with Jennifer Croissant, University of Arizona (total collaborative grant: \$672,274). 2011-2016.

“Collaborative Grant: A Workshop on Interdisciplinary Collaboration in Innovative Science and Engineering Fields.” National Science Foundation grant total to Smith-Doerr as PI: \$50,718. PI on collaborative grant with Susannah Paletz, University of Pittsburgh (total collaborative grant: \$57,354). Workshop held at Boston University, November 2010.

“Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry.” Co-PI with Daniel Monti. Grant from Immigrant Learning Center, Inc. Malden, MA. 2006-2007.

Boston University Humanities Foundation Grant for supporting archival research at Widener library at Harvard University. 2002-2003.

Summer Seed Grant, Social and Behavioral Sciences Research Institute, University of Arizona, 1996.

Dissertation Proposal Award, Department of Sociology, University of Arizona, 1996.

Graduate Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona, 1996.

Summer Research Grant, Program on Nonprofit Governance, Center on Philanthropy, Indiana University, Aspen Institute, 1993.

FELLOWSHIPS AND AWARDS

HERS Institute fellowship. 2022-23.

Fulbright Scholar Award to Germany, for research project, “Automating Privilege: Reproducing Inequalities in Artificial Intelligence Knowledge Production Processes in the US and Germany.” Host: Centre for Globalisation and Governance, University of Hamburg. Spring 2020 (cancelled due to COVID-19 pandemic).

Outstanding Research Award, College of Social and Behavioral Sciences, University of Massachusetts. 2021.

Five College Women’s Studies Research Center, Research Associate. 2019-2020.

Devah Pager Prize for best article from the Inequality, Poverty, and Mobility section of the American Sociological Association. For 2019 *American Journal of Sociology* article with Alegria, Fealing, Fitzpatrick, and Tomaskovic-Devey. 2020.

Society for Social Studies of Science, STS Infrastructure Award. For editing the *Handbook of Science and Technology Studies*. 2017.

National Science Foundation, Director’s Award for Collaborative Integration. For leadership of Ethics Education in Science and Engineering program and coordination with NSF Policy Office on implementing policies in America COMPETES Act. 2009.

Jean Monnet Fellowship to the Robert Schuman Centre for Advanced Studies at the European University Institute. Fellow in the European Forum on Universities and Innovation Systems. Florence, Italy. 2004-2005.

Award for Scholarly Contribution from *Administrative Science Quarterly*, for “Interorganizational Collaboration and the Locus of Innovation: Networks of Learning in Biotechnology,” as the best article published in the five years previously. With Walter W. Powell and Kenneth W. Koput. 2002.

William Lincoln Honnold Fellowship for graduate study, Pomona College, 1991.

INVITED LECTURES AND PRESENTATIONS

“Five Big Ideas about AI.” Invited presentation at Equity and Diversity workshop, organized by Cassidy Sugimoto, funded by Sloan Foundation, National Network for Critical Technology Assessment, June 2023. Georgia Institute of Technology, Atlanta, GA.

“How Diversity Matters in the U.S. Scientific Workforce: Integration and Inclusion in Teams and Departments.” Plenary Address at the annual Vaccine Research Center (VRC) Scientific Retreat, National Institute of Allergy and Infectious Diseases (NIAID), NIH, May 18, 2023. Hybrid/online.

“Setting the Stage for Equity in Department Decision-making.” Invited workshop led by Smith-Doerr and Ember Skye Kanelee to Five Colleges Building Academic Leaders in the Humanities program, April 14, 2023. Smith College, Northampton, MA.

“Centering Equity during Acute Crisis: Analyzing Disparities in COVID-19 Impacts by Faculty Rank, Gender, Race, and Caregiving Status.” Mark C. Pachucki, Laurel Smith-Doerr, and Ethel Mickey. Invited presentation given by Pachucki and Smith-Doerr to Department of Sociology, Columbia University. December 2022. New York, NY.

“UMass ADVANCE: Faculty Equity and Collaboration.” Invited by NSF Director Panchanathan to present on panel of exemplar Massachusetts NSF funded projects, moderated by United States Senator Edward Markey (D-MA). October 2022. Museum of Science, Boston, MA.

“How Diversity Matters in Science: Integration and Inclusion in Teams and Departments.” Presented at the National Diversity and Equity Workshop (NDEW)/Oxide Chemistry initiative. August 2022. Alexandria, VA.

“How Diversity Matters in the U.S. Science and Engineering Workforce: Integration and Inclusion in Teams and Departments.” Invited presentation on NIH Scientific Workforce Diversity Seminar Series (SWDSS) panel, “How Does Diversity Impact Science?”. May 17, 2022. Online.

“Gendered and Racialized ‘Unanticipated Consequences’ in Faculty Shared Decision-Making.” MIT Sloan School Institute for Employment Research Seminar Series. March 8, 2022. Online.

“How to Build Organizations to Foster Equity: Lessons from Bioeconomies.” Distinguished Lecture for Bioeconomies panel at National Science Foundation. December 2021. Online.

https://www.nsf.gov/events/event_summ.jsp?cntn_id=301567&org=BIO

“How Diversity Matters in the U.S. Science and Engineering Workforce: Integration and Inclusion in Teams, Fields, and Departments.” MIT Brain and Cognitive Sciences Colloquium. October 21, 2021. Online.

“How Organizational Structure can Foster Equity: Lessons from the Life Sciences.” Invited presentation at University of Massachusetts system NEXT Summit on Diversity. June 2021. Online.

“Faculty Governance Matters: Understanding Collaborative Decision-Making and Equity within University Departments.” Smith-Doerr, Laurel, Ethel Mickey and Ember Kanelee. Invited presentation by Smith-Doerr at Gender Summit Europe. April 2021. Munich, Germany (moved online because of pandemic).

“Gender Pay Gaps in US Science Agencies: Why Organizations Matter.” Presented with Kaye Husbands Fealing at Georgia Institute of Technology. March 2020. Atlanta, GA.

“Equitable AI at the Organizational Level.” Presented at the Catalyst Women and the Future of Work Symposium. December 2019. Washington, DC.

“UMass Amherst NSF ADVANCE IT—Resources, Relationships and Recognition (R3) for Collaboration and Equity.” Presented at the National Diversity and Equity Workshop (NDEW)/Oxide Chemistry initiative. April 2019. Alexandria, VA.

“Artificial Intelligence and Equity.” Smith-Doerr, Laurel and Kelly Joyce. Concept paper for Social Science Research Council new initiative, Anticipating Social Research. Presented at SSRC invited workshop October, 2018. Brooklyn, NY.

“Labor Unions and Equal Pay for Faculty.” Domínguez-Villegas, Rodrigo, Henry Renski, Laras Sekarasih, and Laurel Smith-Doerr. Domínguez-Villegas and Smith-Doerr invited to present at the annual meetings of the National Center for Collective Bargaining in Higher Education and the Professions, Hunter College, CUNY. New York, April 2018.

“Understanding Emerging Technologies, Racial Equity, and the Future of Work.” Presentation by Smith-Doerr to invited poster session for “NSF Showcase Awards,” SIGSE meetings. February 2018. Baltimore, MD.

“Research Needs to Promote Equity in Innovation: Integrating Teams, Organizations, and Clusters.” Invited presentation to Institute for Women’s Policy Research conference on “Equity in Innovation.” May 2017. Washington, DC.

“How Diversity Matters in the Science and Engineering Workforce.” Invited presentation to National Diversity and Equity Workshop, OXIDE. April 2017. Arlington, VA.

“Gender Wage Inequality and Organizational Context.” Keynote presentation at Lehigh Impact Symposium, Lehigh University. September 2016. Bethlehem, PA.

“Why and how diversity matters in the U.S. Science and Engineering Workforce.” Invited presentation with Sharla N. Alegria and Timothy Sacco to the White House Office of Science and Technology Policy, March 1, 2016. Washington, DC.

“Women in Science Policy: An Organizational Context Approach.” Invited presentation with Sharla Alegria to National Science Foundation funded workshop on Gender Diversity in Science at Stanford University. February 2016. Stanford, CA.

“The Marie Curie Effect: When Women in Science Agencies Earn More than Men.” Invited presentation to Public Policy seminar series at University of Massachusetts. March 2016. Amherst, MA.

“The Biotech Context: Gender Equity in Network Organizations vs. Hierarchies.” Invited presentation to Radcliffe Institute at Harvard University symposium on Women in Biotech. September 2015. Cambridge, MA.

"The Value of Women's Work in Science Policy: Organizational Contexts of Gender Gaps in Pay at US Science Agencies." Invited presentation for University of Arizona Department of Sociology brown bag series. February 2015. Tucson, AZ.

"The Accidental Policymaker: Adventures in Studying and Doing Science Policy." Case Study for "Bringing Research into the Policy Process" Workshop, National Science Foundation. November 2014.

"Interrogating Interdisciplinary Collaboration in the Chemical Sciences." Invited presentation for workshop at Wisconsin Institute for Discovery organized by D. L. Kleinman. September 2014. Madison, Wisconsin.

Invited presenter on Author meets Critics session for J. Jacobs' book *In Defense of Disciplines*, University of Chicago Press. Eastern Sociological Society annual meetings. February 2014. Baltimore, MD.

"Upstream/Downstream in the Gendered Organization of Science: The Need for Understanding Contexts and Mechanisms from Resource Allocation to Collaboration and Knowledge Production." Thematic program session presentation at the annual meetings of the American Sociological Association. August 2013. New York, NY.

"Organizing Collaboration: Men and Women Chemical Scientists in Academic and Industry Contexts." Keynote presentation at University of Hamburg Centre for Excellence conference. April 2013. Hamburg, Germany.

"Doing Gender and Responsibility: Scientists and Engineers Talk About their Work." Invited presentation to the Department of Sociology seminar series. Rice University. September 2012. Houston, TX.

"Understanding Contexts of Inequality: Women in Science." Invited presentation to the Department of Sociology seminar series, University of California, San Diego. May 2012. La Jolla, CA.

"Context Matters: How Organizations Shape Scientific Work for Women and Men." Presentation at invited Mini-Conference on women and underrepresented minorities in science, Eastern Sociological Society annual meetings. February 2012. New York, NY.

"Organization in a Gendered Profession: Science, Commercialism in the University, and Women's Place in Research." Presentation at invited Special Session on "Professional Authority, Bureaucracy and the Market," annual meetings of the American Sociological Association. August 2011. Las Vegas, NV.

"Gender Equity in Science: Lessons from the Life Sciences." Invited keynote presentation at Southern Illinois University-Edwardsville. February 2011. Edwardsville, IL.

"Recruiting and Retaining Women Faculty Members (especially in Science and Engineering)." Invited presentation to Deans and Department Chairs/Directors, Southern Illinois University-Edwardsville. February 2011. Edwardsville, IL.

"The Intersecting Production of Scientific Knowledge, Gender, and Ethical Issues."
Invited presentation to Women's Studies program seminar series, Southern Illinois University-Edwardsville. February 2011. Edwardsville, IL.

"Gendering Science, Gendering Ethics: The Intersecting Production of Knowledge, Gender, and Ethical Issues." With Itai Vardi and Jennifer Croissant. Invited presentation by Smith-Doerr at Brown University, Department of Sociology, Seminar series. November 2010. Providence, RI.

"Whose Interdisciplinarity? Gendered Organization in Science and Questions about Interdisciplinary Collaboration." Presentation to NSF funded workshop, "Interdisciplinary Collaboration in Innovative Science and Engineering Fields," Boston University. November 2010. Boston, MA.

"A Feminist Approach to University-Industry Research Relations: Integrating Theories of Gender, Knowledge and Capital." With Jennifer Croissant. Invited presentation given by Smith-Doerr at Gender/IP conference, Washington College of Law, American University, April 2010. Washington, DC.

"The Accidental Policymaker: Adventures in Studying and Doing Science Policy." Department of Sociology seminar series. January 2010. Boston University.

"A Sociological Perspective on Studying Organizations and Innovation: Qualitative and Quantitative Methods and Ethical Issues." Invited presentation at workshop on "Confidential Data Collection for Innovation Analysis in Organizations," Microsoft Research, September 2009. Redmond, WA.

"Understanding Career Contexts for PhDs in the Life Sciences," Invited presentation at workshop on "From Science to Business: How to Prepare Female Scientists and Engineers to Successfully Transition into Entrepreneurship," National Research Council of the National Academies of Science, Committee on Women in Science, Engineering and Medicine, National Academies' Beckman Center, August 2009. Irvine, CA.

"Ethics Education in the US: What Role for Social Science?" Invited presentation at the World Social Science Forum, May 2009. Bergen, Norway.

"Contexts of Equity: Thinking about Organizational and Technoscience Contexts for Gender Equity in Biotech and Nanotech." Invited presentation at workshop "Nanotechnology, Equity, and Equality," Arizona State University, Nov. 2008. Tempe, AZ.

"Ethics, Schmethics: Thoughts on Conducting (and Developing Policy) on Ethics Education in Science and Engineering." Invited seminar to Rensselaer Polytechnic Institute, Department of Science/Technology Studies, October 2008. Troy, NY.

"Gender Equity in Science: Lessons from the Life Sciences." Invited keynote address for workshop on "Diversity in Physics," at annual meeting of Relativistic Heavy Ion Collider (RHIC) /Alternating Gradient Synchrotron (AGS) Users' Meeting, Brookhaven National Laboratories. May 2008. Long Island, NY.

"The Status of Women Scientists in Knowledge Based Biotechnology Firms."
Presentation at invited panel on "New Frontiers in the Knowledge Economy" at the annual meetings of the American Association of Geographers, April 2008. Boston, MA.

"Network vs. Hierarchy: Organizational Form and Equity in Innovative Workplaces."
University of Oregon, Lundquist College of Business, March 2008. Eugene, OR.

"Theory at the Meso-Level: Women's (Interdisciplinary) Work in the Life Sciences."
Invited presentation at workshop on "Women, Minorities and Interdisciplinarity,"
Columbia University, November 2007. New York, NY.

"Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry." Invited
presentation at the "Can We Compete? Trends in America's Scientific and Technical
Workforce" conference, Commission on Professionals in Science and Technology and
AAAS, November, 2007. Washington, DC.

"Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry." Report
prepared for the Immigrant Learning Center, Inc. Presented at Boston Private Bank, with
Daniel J. Monti and James McQuaid. June 2007. Boston, MA.

"Getting Past Ethics Requirements: Life Scientists and Ethics Education Policies in the
US and Europe." Invited presentation to workshop "Exploring Innovation Processes in
Healthcare: The Challenges of Collaboration and Governance," Bentley College. May
2006. Waltham, MA.

"Getting Past Ethics Requirements: Life Scientists and Ethics Education Policies in the
US and Europe." Invited presentation to the Center for Research in Higher Education,
University of Arizona. March 2006. Tucson, AZ.

"Getting Past Ethics Requirements: Life Scientists and Policies for Ethics Education in
the US, the UK, and Italy." Invited presentation to the MIT/Harvard Organizations
Studies Group Seminar Series, Sloan School of Management, Massachusetts Institute
of Technology. February 2006. Cambridge, MA.

"How Do Life Scientists Learn about the Ethical Implications of Innovation?" Invited
paper presented at Sociology of Bioethics Mini-conference (concurrent with ESS
meetings). March 2005. Washington, DC.

"University-Industry Collaboration in Biotechnology and Career Paths for Life Science
PhDs." Invited presentation at University-Industry Research Relationships workshop,
Haas School of Business, University of California-Berkeley, Aug 1998. Berkeley, CA.

CONFERENCE PAPERS

"Centering Equity during Acute Crisis: Analyzing Disparities in COVID-19 Impacts by
Faculty Rank, Gender, Race, and Caregiving Status." Pachucki, Mark C., Laurel Smith-
Doerr, Ethel Mickey, and Kathryn Reynolds. Annual ASA meetings. August 2023.
Philadelphia, PA.

“Faculty Work in Pandemic Times: Gendered/Racialized Experiences of Collaboration, Inclusion, and Governance during COVID.” Misra, Joya, Shuyin Liu, and Laurel Smith-Doerr. Annual Meeting of the American Sociological Association, August 2023. Philadelphia, PA.

“COVID-19 Impacts on Faculty: Research & Practice.” NSF ADVANCE PI meeting/ARC Symposium. Co-Presenters: Dessie L. Clark, Laurel Smith-Doerr, Dawn-Elissa Fischer, Ethel L Mickey, Joya Misra, Shuyin Liu. June 6, 2023. Durham, NC.

“Gendered and Racialized ‘Unanticipated Consequences’ in Faculty Shared Decision-Making: Using Research for more Equitable Departmental Practices,” Smith-Doerr, Laurel, Ethel L. Mickey, and Ember Kanelee. Presented by Smith-Doerr at Annual Meeting of the American Sociological Association, August 2022. Los Angeles, CA.

“R&D for DEI,” Laurel Smith-Doerr. High Five research talk at the ARC Network Convening/ADVANCE PI Meeting. May 2022. Washington DC.

“Looking in the Mirror at Faculty Governance: Reflexive Research for Equitable Shared Decision-Making,” Smith-Doerr, Laurel, Ethel L. Mickey, and Ember Kanelee. Presented by Smith-Doerr at Annual Meeting of the Eastern Sociological Society, March 2022. Boston, MA.

“Sociology of AI Workshop: Research on Racial Equity in AI/ML,” presented with Sharla Alegria at NSF workshop on Sociology of AI. March 2020. Planned for Drexel University, Philadelphia, PA, transitioned to virtual (because of pandemic).

“Measured Success: Knowledge, Power, and Inequality in the Professional Work of Evaluation,” Elisa Martinez, Laurel Smith-Doerr, and Timothy Sacco. Presented by Smith-Doerr at the annual meetings of the Society for Social Studies of Science. September 2019. New Orleans, LA.

“Measured Success: Knowledge, Power, and Inequality in the Professional Work of Evaluation,” Elisa Martinez, Laurel Smith-Doerr, and Timothy Sacco. Presented by Smith-Doerr at the annual meetings of the American Sociological Association. August 2019. New York, NY.

“The Organization of Knowledge Production: Who Designs Emerging Technologies and for Whom?” Presented at the annual meetings of the Association of Public Policy and Management (APPAM). November 2018. Washington, DC.

“Labor Unions and Equal Pay for Faculty.” Domínguez-Villegas, Rodrigo, Henry Renski, Laras Sekarasih, and Laurel Smith-Doerr. Presented by Domínguez-Villegas and Smith-Doerr at the annual meetings of the American Sociological Association. August 2017. Montreal, Canada.

“The Gendered Organization of Science Policy.” Presented at the Society for Social Studies of Science (4S) and EASST meetings. August 2016. Barcelona, Spain.

“Breaking Up is Hard to Do: A Qualitative Analysis of Failed Research Collaborations.” Sacco, Timothy, Laurel Smith-Doerr, and Jennifer Croissant, presented at the annual meetings of the American Sociological Association. August 2016. Seattle, WA.

“Chemical Sciences Entrance Narratives: Comparing US-born and International Scientists.” Wilkerson, Tiamba M., Timothy Sacco, Laurel Smith-Doerr and Jennifer Croissant, presented by Wilkerson and Sacco at the annual meetings of Eastern Sociological Society. March 2016. Boston, MA.

“Crisis of Confidence: Young Women Doing Gender and Science.” With Timothy Sacco and Angela Stoutenburgh. Presented at the annual meetings of the American Association for the Advancement of Science. February 2015. San Jose, CA.

“The Value of Women’s Work in Science Policy: Occupational Sex Segregation in US Science Agencies and Effects on Pay, 1994-2008.” With Sharla Alegria, Don Tomaskovic-Devey, Kaye Husbands-Fealing, and Debra Fitzpatrick. Presented at the annual meetings of the American Sociological Association. August 2014. San Francisco, CA.

“Interrogating Collaboration: How Chemical Scientists Define Collaboration and Responsibilities to Collaborators.” With Jennifer Croissant. Presented at the annual meetings of the Society for Social Studies of Science. October 2012. Copenhagen, Denmark.

“Mind the Gap: Formal Ethics Policies and Chemical Scientists’ Everyday Practice of Science.” With Itai Vardi. Presented at the annual meetings of the American Sociological Association. August 2012. Denver, CO.

“Interrogating Collaboration: How Chemical Scientists Produce Collaborative Knowledge in Academic and Industry Settings.” With Itai Vardi. Paper presented at the annual meetings of the Eastern Sociological Society. February 2012. New York, NY.

“Negotiating the STS Reading List: Fuzzy Dragons, God Tricks and Syphilis.” With Wenda Bauchspies. Paper presented at the annual meetings of the Society for Social Studies of Science. November 2011. Cleveland, OH.

“Gendering Science, Gendering Ethics: The Intersecting Production of Knowledge, Gender, and Ethical Issues.” With Jennifer Croissant. Paper presented at the annual meetings of the Society for Social Studies of Science. August 2010. Tokyo, Japan.

“Gendered Networks: Professional Connections of Men and Women University Faculty.” With Deborah Belle and Lauren M. Groves. Paper presented at the annual meetings of the American Sociological Association. August 2010. Atlanta, GA.

“Three sociological insights into issues for women in science and gender equity in the US.” Presentation at annual meeting of the Eastern Sociological Society. March 2010. Boston, MA.

“Are Ethics Gendered? Exploring Women and Men Researchers’ Approaches to Science and Engineering.” Presentation at annual meeting of the American Association for the Advancement of Science. February 2010. San Diego, CA.

“Comparing Gender Equity in Industrial and Academic Biotechnology.” Presentation to European Union-United States Taskforce on Biotechnology Research sponsored

workshop, "A Global Look at Women's Leadership in Biotechnology Research," University of California at San Francisco. June 2009. San Francisco, CA.

"The National Science Foundation and the Congressional Mandate on Education for Ethical Research Conduct." Presentation at annual meetings of the Association for Practical and Professional Ethics, March 2009. Cincinnati, OH.

"A Feminist Approach to University-Industry Relationships: Integrating Theories of Gender, Politics and Capital." With Jennifer Croissant. Paper presented at annual meetings of the Society for Social Studies of Science. August 2008. Rotterdam, Netherlands.

"Expanding Entrepreneurship: Women and Foreign-Born Founders of Massachusetts Biotechnology Firms." With James McQuaid and Daniel J. Monti. Paper presented at the American Sociological Association annual meetings, August 2008. Boston, MA.

"Discourses of Dislike: Scientists' Responses to Ethics Education Policies in the United Kingdom, European Union and the United States." Paper presented at the American Sociological Association annual meetings. August 2007. New York, NY.

"A Feminist Approach to University-Industry Relationships: Integrating Theories of Gender, Politics and Capital." With Jennifer Croissant. Paper presented in session on "Economy and Science" at the annual meetings of the American Sociological Association, August 2006, Montreal, Canada.

"Herding Cats: Bioethics education policies, unruly life scientists and anomalous local narratives in the US, Italy and the UK." Presented at the annual meetings of the Society for the Social Study of Science. October 2005. Pasadena, CA.

"Quality vs. Quantity: Women's Patenting in the Life Sciences." With Kjersten Bunker Whittington. Presented at the annual meetings of the Technology Transfer Society, Kauffman Foundation for Entrepreneurship. September 2005. Kansas City, MO.

"Globalized Science Ethos, Localized Ethics Training: Policies for Life Scientists in the US, Italy and the UK." Presented at the annual meetings of the American Sociological Association. August 2005. Philadelphia, PA.

"The Ethics of Innovation: How Life Scientists Learn to Think About the Broader Contexts of Their Research." Presented at the final symposium of the European Forum on Universities and Innovation Systems, Robert Schuman Centre for Advanced Studies, European University Institute. June 2005. Florence, Italy.

"Gender and Commercial Science: Is there a Gap and What are the Effects of Academic and Commercial Contexts?" With Kjersten Bunker Whittington. Presented at the annual meetings of the American Sociological Association. August 2004. San Francisco, CA.

"Incentive to Change or Rational Myth?: U.S. Policies Tying Funding to Research Ethics and the Effects on Life Science Ph.D. Programs." Paper presented at the annual meetings of the Society for the Social Study of Science. October 2003. Atlanta, GA.

"A New Productivity Puzzle? The Effects of Blurred Boundaries between Academic and

Commercial Science on Gender Stratification in Life Science Careers.” With Kjersten Bunker Whittington. Paper presented at the annual meetings of the Society for the Social Study of Science. October 2003. Atlanta, GA.

“The Meaning of Success: Network Position and the Social Construction of Project Success in an R&D Lab.” With Polly Rizova and Ivan Manev. Presented at the annual meetings of the American Sociological Association. August, 2003. Atlanta, GA.

“Teaching Dilemmas: The Visibility of Ethics Training in Life Science Ph.D. Programs.” Presented at the annual meetings of the Society for the Social Study of Science. November, 2002. Milwaukee, WI.

“Flexible Organizations and Gender Equality: Writing for the Movies, 1907-1927.” American Sociological Association, August 2002. Chicago, IL.

“Where’d You Get Your PhD?’: Education Ranking and Inequality Among Life Scientists.” Presented at the annual meetings of the Society for the Social Study of Science, November, 2001, Cambridge, MA.

“Ethics at the Bench?: The Provision of Ethics Training in Life Science PhD Programs.” Presented at the annual meetings of the American Sociological Association, August 2001. Anaheim, CA.

“Stuck in the Middle: Effects of Education Rank on the Careers of Life Science PhDs.” Presented at the annual American Sociological Association meetings, August 2000. Washington, DC.

“Not Just for Old Boys: Forms of Economic Organization and Gender Inequality in Life Science Careers.” Presented at the annual American Sociological Association meetings, August 1998. San Francisco, CA.

“Interorganizational Relations and Elite Sponsorship: Mobilizing Resources in Biotechnology.” With Kenneth W. Koput and Walter W. Powell. Presented at the annual American Sociological Association meetings, August 1998. San Francisco, CA.

“Framing Scientific Careers: Biotechnology as Legitimate Science.” Presented at the annual meetings of the Society for Social Studies of Science, October 1997. Tucson, AZ.

“The Emergence of the Biotechnology Industry and the Changing Labor Market for Biomedical PhDs.” Presented at the annual meetings of the American Sociological Association, August 1997. Toronto, Canada.

“Science Within Organizations: Differences in the Organization of Work between a Biotechnology Firm and a University Laboratory.” Presented at the annual meetings of the American Sociological Association, August 1994. Los Angeles, CA.

ELECTED OFFICES

Chair, Science, Knowledge and Technology section of the American Sociological Association. 2019-2021. Past Chair, 2021-22. Chair-Elect, 2017-2019.

Vice President, Eastern Sociological Society, 2021-22. Vice President-Elect, 2020-21.

Elected to Council (at-large member), American Sociological Association. 2012-14.

Elected to Council, Society for Social Studies of Science. 2011-13.

Elected to the Council of the Science, Knowledge and Technology section of the American Sociological Association, 2007-9.

Elected as student member to the Council of the Science, Knowledge and Technology Section of the American Sociological Association, 1997-99.

ADVISORY AND EDITORIAL BOARDS

Advisory editorial board member, *Research Policy*, 2014-2023.

Advisory member, Catalyst working group on Women and the Future of Work, 2020-22.

Advisory board member, OXIDE (Open Chemistry Collaborative in Diversity Equity), Johns Hopkins University, 2017-.

American Sociological Association task force member for committee on Standards of Evaluation of Public Sociology, 2014-16.

Science of Science and Innovation Policy steering committee member for meeting at National Academies of Science, Washington DC. 2012.

RASIC advisory board member, Rice University, Houston, TX. 2012-2015.

Advisory Board member, Ethics education center, NSF-funded national on-line ethics resource, University of Illinois-Urbana Champaign, 2010-11.

Advisory Board member, Graduate Women in Science and Engineering (G-WISE), Boston University, 2010-12.

Advisory Committee member, Commonwealth Alliance for Information Technology Education (CAITE), NSF-funded Broadening Participation Alliance, University of Massachusetts, Amherst, 2009-10.

OTHER PROFESSIONAL SERVICE

Program Committee member, Atlanta Conference on Science Policy. Georgia Tech. 2023.

Discussant, Engineering Research Center grants new cohort, National Science Foundation Workshop. 2022.

Co-organizer, American Sociological Association Presidential panel on "Sociological Perspectives on Covid-19." 2020. Panel intended for annual meetings in San Francisco, CA, transitioned to virtual.

Co-organizer, Eastern Sociological Society Presidential panel series on "Science and Technology Studies in an Age of Anti-Science". 2019. (Articles written by panelists collected in January 2020 issue of *Engaging Science, Technology & Society* called "STS in the Trump Era." <https://estsjournal.org/index.php/ests>).

Reviewer, Science and Technology Center site visit, National Science Foundation, 2019.

Reviewer, "Universities of Excellence," German Excellence Strategy, German Council of Science and Humanities (Wissenschaftsrat) and the German Research Foundation (DFG), 2019.

Program committee, APPAM section on science and technology policy, 2018.

Moderator, NSF workshop on STS and Law and Society. Drexel University. Philadelphia, PA. 2018.

Discussant for Data Sharing Workshop at National Institutes of Health, Office of the Director. 2017.

Organizer for regular session in Sociology of Science. American Sociological Association 2015 annual meeting. Chicago, IL.

PhD Dissertation external examiner, Swinburne University, Melbourne, Australia, January 2015.

Presenter and participant in Data Management in STS Workshop at the National Science Foundation. 2015.

Organizer and Discussant for session "Translating STS: The Role of STS in Addressing Major Challenges Faced by the Global Community". Society of Social Studies of Science 2011 annual meeting. Cleveland, OH.

PhD Dissertation opponent, Aalto University, Helsinki, Finland, June 2011.

NSF Site review committee member, ADVANCE Program. March 2011.

Appointed to prize committee for selecting the Edge award for the best article in social studies of science in two years previous. Society for Social Studies of Science. 2010.

Chair, Women in Science and Engineering (WISE), Boston University, 2010-11; Co-Chair 2009-10.

Organizer for "Conversations with" session on Women in Science, Industry and Government. Eastern Sociological Society 2010 annual meeting. Boston, MA.

Discussant for panel on "The Evolving Research Enterprise" at the 2008 meetings of the Association for Public Policy Analysis and Management. Los Angeles, CA.

Organizer and presider for regular sessions on “Organizations” at the 2008 meetings of the American Sociological Association. Boston, MA.

Discussant for roundtable on “Gender in Science and Engineering”, Sex and Gender section, 2008 meetings of the American Sociological Association, Boston, MA.

Discussant for panel on “Transnational Processes,” at the 2007 meetings of the American Sociological Association. New York, NY.

Discussant for panel “Organizational Processes and Individual Inequality: Contexts, Careers, and Change,” 2006 meetings of the Eastern Sociological Society. Boston, MA.

Advisory Panelist for various US National Science Foundation programs. 2005. 2007. 2010-. Arlington, VA.

Session Organizer and Presider for an Organizations, Occupations and Work section panel on “Network Organizations: Synthesizing Instrumentalism and Trust” at the 2002 meetings of the American Sociological Association. Chicago, IL.

Member of the selection committee for the Max Weber award for best book, Organizations, Occupations, and Work section of the American Sociological Association, 2014.

Member of the selection committee for the Robert K. Merton award for best book, Science, Knowledge and Technology section of the American Sociological Association, 1997, 2001, 2007.

Member of the Awards committee for Hacker-Mullins award for best student paper, for the Science, Knowledge and Technology section of the American Sociological Association, 1997, 2009.

Graduate student intern, *Contemporary Sociology*, 1992-93.

PEER REVIEW (selected)

External letter writer for research universities and liberal arts colleges:

Letters for promotion and tenure cases in Sociology, African American Studies, Higher Education, and STS departments, promotion to full cases in Sociology, Organization Studies, Public Policy, African American Studies, and for full professors competing for special recognition professorships (i.e., named); at institutions including Princeton University, University of Michigan, University of California-Los Angeles, University of Wisconsin, University of California-San Diego, Georgia Institute of Technology, University of North Carolina, Stevens Institute of Technology, University of Arizona, Vanderbilt University, Georgia State University, Brigham Young University, Arizona State University, University of Nebraska, Trinity College (CT), and Northeastern University.

Funding bodies:

ASA Fund for the Advancement of the Discipline; Israel Science Foundation; Netherlands Organization for Scientific Research; U.K. Economic and Social Research Council; U.S. National Science Foundation (programs: ADVANCE; Cyberinfrastructure; Digging into Data; EHR CORE; Ethics Education in Science and Engineering; Gender in Science and Engineering; Information Technology Research; Innovation and Organizational Change; Innovation and Organizational Science; National Center for Science and Education Statistics; Science of Science and Innovation Policy; Science Technology Centers; Science, Technology and Society; Sociology; Transforming Undergraduate Education in Science); U.S. Small Business Administration.

Presses:

Oxford University Press; Massachusetts Institute of Technology Press; Routledge Publishers; Springer Press; Temple University Press; Worth/St. Martin's Publishers; Polity Press

PUBLIC INTELLECTUAL ROLE

Smith-Doerr's research on U.S. ethics training requirements for scientists (subsequently published as a chapter in *The New Political Sociology of Science*) referenced in article "Ethical Conflicts Plague NIH," by Sarah Webb in *Discover* magazine, Vol. 26, No. 1. January 2005.

Smith-Doerr and Powell's 2005 *Handbook of Economic Sociology* chapter, "Networks in Economic Life" was quoted in the *Boston Globe* on Sunday July 24, 2005 in Ideas section (p. D1) article headlined as "Market Share Economists have Long Used their Tools to Study Social Phenomena. Now Sociologists are Learning to Stop Worrying and Love—or at Least Study—the Market," by Virginia Postrel.

Television interview on "Liz Walker Sunday" a Boston newsmagazine show, aired on CBS on August 7, 2005. Smith-Doerr, asked to reflect on technology and society, discussed how the ways that we organize technology affect our work and home lives.

Smith-Doerr, Laurel. "Women Scientists Also Work Outside Academia." E-letter published in *Science* magazine responding to "More Women in Science" by Handelsman et al. 13 September 2005.

Television interview on "New England Business Day" show on New England Cable News, June 23, 2006. Discussion on internet technology and society.

Bunker Whittington and Smith-Doerr's 2005 *Journal of Technology Transfer* article on the gender gap in patenting cited on August 31, 2006 in article entitled "Mothers of Invention?," by Emma Marris in *Nature* 442: 973.

Smith-Doerr's 2006 *Bulletin of Science, Technology and Society* article on how doctoral education ranking affects career outcomes featured in November 2006 article entitled "Third Tier Grads Do Better than Mid-ranked Grads," by Kathleen McGowan in *The Scientist* 20: 78.

Smith-Doerr's 2006 Bulletin of Science, Technology and Society article on doctoral ranking and career outcomes featured in Commission on Professionals in Science and Technology's *Comments* Vol. 44, December 2006.

Smith-Doerr quoted and her research on gender equity in the biotechnology industry published in her book *Women's Work* referenced in article "The Gender Gap in Biotech", by Gareth Cook in the *Boston Globe* on May 6, 2007 in special Biotech section for the BIO convention.

Television interview on "Neighborhood Network News," live show on Boston local access cable station, June 13, 2007. Discussion with Monti, about Monti, Smith-Doerr and McQuaid report on immigrant entrepreneurs in Massachusetts biotechnology industry.

Smith-Doerr quoted on issues for immigrant entrepreneurs, from presentation at Framingham State College of research report published by Immigrant Learning Center, in article, "Asian Entrepreneurs Need Support," by Cory Hopkins in *Worcester Business Journal*, June 15, 2007.

Smith-Doerr research featured in article, "The Biotech Advantage: Why women start biotech firms at higher rates than they start other kinds of high-tech firms." By Jill Priluck at Slate.com (Washington Post-Newsweek Interactive Co), October 18, 2010.

Smith-Doerr and Croissant's NSF grant on collaboration in the Chemical Sciences summarized and Smith-Doerr quoted in article, "Measuring Chemistry's Impact: NSF Program Strives to put a Value on Federally Funded Research." By Susan R. Morrissey in *Chemical & Engineering News*, Vol. 89 (26): 24-26, June 27, 2011.

Smith-Doerr's research with McQuaid and Monti linked in article on "Women-Helmed Biotech in Massachusetts." By Catherine Arnst in Xconomy, (http://www.xconomy.com/boston/2012/12/19/promedior-joins-ranks-of-woman-helmed-biotech-in-massachusetts/?single_page=true), December 19, 2012.

Smith-Doerr's research findings from NSF grant with Croissant on "Collaboration in the Chemical Sciences" invited for presentation at scientific society poster exhibition event on Capitol Hill, Washington DC, April 29, 2015.

Smith-Doerr invited to present with research assistants Sharla Alegria and Timothy Sacco on "Why and how diversity matters in the U.S. Science and Engineering Workforce," at the White House Office of Science and Technology Policy. March 2, 2016.

Smith-Doerr quoted in news articles about the \$3million NSF ADVANCE Institutional Transformation grant to UMass Amherst including the *Boston Globe*, *US News & World Report*. 2018.

Smith-Doerr quoted and research with Alegria, Fealing, Fitzpatrick and Tomaskovic-Devey published in *American Journal of Sociology* described. In *Nature*. <https://doi.org/10.1038/d41586-020-00023-6> , January 7, 2020.

Smith-Doerr quoted as an expert in special report on Covid-19 and The Future of Work, *The Economist*, Intelligence Unit white paper. <https://services.eiu.com/the-future-of-work-and-digital-wellbeing:-protecting-employees-in-a-post-pandemic-workplace/> . 2020.

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